

Memorandum

To: Dr. J.F.Glenn
From: D.H.Ford

Re: A 2½ day meeting to be held in the office of CTR entitled "Multiplicity and Functional Aspects of CNS Nicotinic Receptors."

The format would be for there to be a moderator for each day who would present an introductory discussion, + guide the discussions following each presentation. There would then be 4 additional speakers on each day, each presenting a 40 minute talk to be followed by 15 minutes of discussion, which would be initiated by a designated discussant. The last half day would be moderated and guided by the two session moderators to provide for a summary of the conference and the significance of the information reported. All attendees would be encouraged to participate.

Day 1: Discussion leader... Leo Abood, Rochester, NY
Introduction of the topic and potential significance in the diversity of nicotinic receptors.

Jan Lindstrom, Univ. Penn. The structure of the CNS nicotinic receptor.
Discussant: M.A.Raftery (Cal Tech).

Lorna Role, Columbia Univ. Modulation of nACh receptor structure
Discussant: Carl Creutz (Un. Virginia, Charlottesville).

Ron Lukas, Barrow Institute, Phoenix. Varied expression of nicotinic receptors in different cell types.
Discussant: S. Lanier (Mass General).

J. Patrick, Salk Institute, Structure and function of neural nACh receptors deduced from cDNA clones.
Discussant: V. Rama Sastry (Vanderbilt Univ.).

Day 2: Discussion leader...Abe Lajtha, Ward's Island, NY.
Effects of nicotine on other transmitter systems.

William Martin, Lexington, Ky. Multiple nicotinic receptors: nicotinic ligands with different specificities.
Discussant: Tom Westfall (St. Louis Univ.).

Paul Greengard, Rockefeller Univ. Second messengers in relation to receptor activation.
Discussant: Richard Huganir (Johns Hopkins Univ).

H. Fibiger, Vancouver, Organization of central cholinergic systems: nicotinic/muscarinic.
Discussant, Paul Clarke (McGill University).

Edwin Meyer, Florida Univ., Gainesville, Nicotinic receptor systems in relation to CNS disease.
Discussant: Enzio Giacobini (Univ. Illinois, Springfield).

Day 3 (½ day)

Final summary discussions; moderated by A. Lajtha and L. Abood

There would be a morning and afternoon coffee break midway between each program, with lunch between the morning and afternoon sessions.

DHF/VFL